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Application No.	Date of Filing	Status-Patented, Pending or Abandoned

201	FULL NAME OF INVENTOR	FIRST Name GREGORY	Middle Initial(s) T. A.	LAST Name KOVACS	
	RESIDENCE & CITIZENSHIP	City Stanford	State or Foreign Country California		Country of Citizenship U.S.A.
	POST OFFICE ADDRESS	Street Address 105 Peter Coutts Circle	City Stanford	State or Ctry California	Zip Code 94305

202	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name	
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country		Country of Citizenship
	POST OFFICE ADDRESS	Street Address	City	State or Ctry	Zip Code

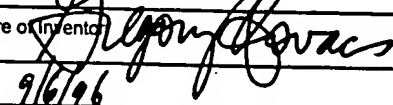
203	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name	
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country		Country of Citizenship
	POST OFFICE ADDRESS	Street Address	City	State or Ctry	Zip Code

204	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name	
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country		Country of Citizenship
	POST OFFICE ADDRESS	Street Address	City	State or Ctry	Zip Code

205	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name	
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country		Country of Citizenship
	POST OFFICE ADDRESS	Street Address	City	State or Ctry	Zip Code

206	FULL NAME OF INVENTOR	FIRST Name	Middle Initial(s)	LAST Name	
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country		Country of Citizenship
	POST OFFICE ADDRESS	Street Address	City	State or Ctry	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 201	
Date	9/6/96

Signature of Inventor 204	
Date	

Signature of Inventor 202	
Date	

Signature of Inventor 205	
Date	

Signature of Inventor 203	
Date	

Signature of Inventor 206	
Date	

(Signatures should conform to names as presented at 201 et seq. above)

COPY

FORM PTO-1595
1-31-92

10-23-1996

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ET

Lyon & Lyon LLP Docket No. 212/081



11/02/96

To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

GREGORY T. A. KOVACS

00000 U.S. PTO



10/18/96

2. Name and address of receiving party(ies):

Name: NANOGEN, INC.

Internal Address:

Street Address: 10398 Pacific Center Court

City: San Diego State: CA ZIP 92121

Additional name(s) & address(es) attached? Yes ☒ NoAdditional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other☐ Merger☐ Change of Name

Execution Date: September 6, 1996

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

S.N. 08/677,305

B. Patent No(s).

Additional numbers attached? Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: JAMES P. BROGAN, ESQ.

Internal Address: LYON & LYON LLP

Street Address: 3200 Park Center Drive

Suite 1200

City: Costa Mesa State: CA ZIP 92626

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit Account Number:

12-2475

(Attach duplicate copy of this page if paying by deposit account.)

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

JAMES P. BROGAN, REG. NO. 35,833

Signature and Reg No.

Signature

September 18, 1996

Date

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents

Box Assignments

Washington, D.C. 20231

Box 0770 08/677,305

40.00 fee

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PATENT

REEL: 8184 FRAME: 0484

MRD 9-18-96

ASSIGNMENT

WHEREAS, I, GREGORY T. A. KOVACS, a citizen of the United States, residing at 105 Peter Coutts Circle, Stanford, California 94305 (hereinafter referred to as "ASSIGNOR"), have invented and own a certain invention entitled "MULTIPLEXED ACTIVE BIOLOGIC ARRAY", for which application for Letters Patent of the United States of America has been filed on July 9, 1996, under Serial No. 08/677,305; and

WHEREAS, NANOGEN, INC., a corporation organized and existing under and by virtue of the laws of the State of California and having its principal place of business at 10398 Pacific Center Court, San Diego, California 92121 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and

PATENT
REEL: 8184 FRAME: 0485

interest to said invention and to all Letters Patent or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorize and requests the Commissioner of Patents and Trademarks to issue said Letters Patent and any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

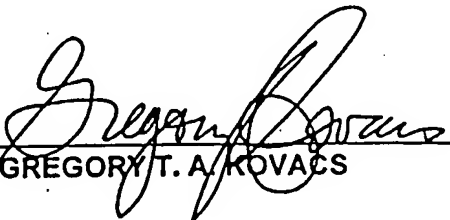
ASSIGNOR further covenants that ASSIGNEE will, upon request of ASSIGNEE, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or legal proceeding related thereto and will promptly execute and

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Patent

deliver to ASSIGNEE or its designated legal representative any and all papers, instruments, declarations or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at STANFORD, California, this 6th day of 1996.

1996.


GREGORY T. A. KOVACS

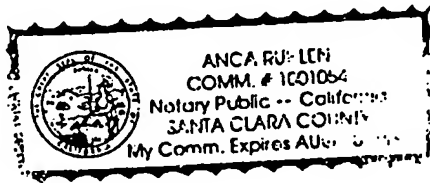
STATE OF CALIFORNIA)
)
COUNTY OF SANTA ANA)
) ss.

On this 6th day of September, 1996, before me, a Notary Public, personally appeared GREGORY T. A. KOVACS known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity

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Patent

and that by his signature on the instrument the person, or the entity upon behalf of which
the person acted, executed the instrument.

WITNESS my hand and official seal.



Seal

Anca Ruben

Notary Public in and for
said County and State

COPY

Patent
Attorney Docket: 612,404-379
(prev 265/271)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

GREGORY T. KOVACS

Serial No.: 09/903,110

Filed: July 10, 2001

For: MULTIPLEXED ACTIVE BIOLOGIC
ARRAY

Group Art Unit: 1743

Examiner: Not Yet Assigned

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:


I, Mary Ann Stretch, Director of Intellectual Property, NANOGEN, INC., as representative of the Assignee of record of the entire interest of the above application, hereby revoke all powers of attorney previously given and appoint the following attorney and/or agents to prosecute and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified below:

CERTIFICATE OF MAILING
(37 C.F.R. §1.6a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

10/28/02
Date of Deposit
IR1-1036000.1

Denise Doss
Name of Person Mailing Paper
Signature of Person Mailing Paper


 34263 PATENT TRADEMARK OFFICE	O'MELVENY & MYERS LLP 114 Pacifica, Suite 100 Irvine, CA 92618 (949) 737-2900
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Please send all correspondence to the attention of David B. Murphy/Michael S. Davidson, at the above address, and direct all telephone calls to David B. Murphy or Michael S. Davidson at (949) 737-2900.

Assignee of interest: Nanogen, Inc.
Address: 10398 Pacific Center Court, San Diego, California 92121
Recorded in PTO: October 18, 1996, Reel: 8184, Frame 0485 (in parent application)

In conformance with 37 C.F.R. §3.73(b), I hereby certify that all documents in connection with the chain of title have been reviewed, and to the best of my knowledge, all right, title and interest is in the above-identified Assignee.

Dated: 10/28/02

By: 
Mary Ann Stretch
Director, Intellectual Property

NANOGEN, INC.
10398 Pacific Center Court
San Diego, California 92121